Author Index

Aceves, M.
——, Grimalt, J., Albaigés, J., Borto, F., Comellas, L. and Gassiot, M.
Analysis of hydrocarbons in aquatic sediments. II. Evaluation of common preparative procedures for petroleum and chlorinated hydrocarbons 503
Alarcon de la Lastra, C., see Marhuenda, E. 103
Albaigés, J., see Aceves, M. 503
Allenmark, S.
——, Andersson, S. and Bojarski, J.
Direct liquid chromatographic separation of enantiomers on immobilized protein stationary phases. VI. Optical resolution of a series of racemic barbiturates: studies of substituent and mobile phase effects 479
Alvarez, J. G.
—— and Touchstone, J. C.
Separation of acidic and neutral glycolipids by diphasic thin-layer chromatography 515
Andersson, S., see Allenmark, S. 479
Andronikashvili, T. G., see Soják, L. 47
Ayyangar, N. R.
—— and Bhide, S. R.
Separation of eight alkaloids and meconic acid and quantitation of five principal alkaloids in gum opium by gradient reversed-phase high-performance liquid chromatography 455
Barascut, J.-L., see Maggio, A.F. 23
Barker, I. K., see Raynor, M. W. 497
Bartle, K. D., see Raynor, M. W. 497
Basak, B., see Laskar, S. 341
Bathelt, E. R., see Haagsma, N. 73
Betts, T. J.
—— and Sufredo, D.
Requirements of mutually miscible liquids for ternary chromatographic solvents with reference to monosaccharide paper chromatography 53
Bhide, S. R., see Ayyangar, N. R. 455
Bier, M., see Mosher, R. A. 191
Biggs, W. R., see Jinno, K. 1
Bojarski, J., see Allenmark, S. 479
——, see Żukowski, J. 381
Boswell, R. T., see Sonnet, P. E. 205
Brinkman, U. A. Th., see Broersen, J. J. 39
——, see De Ruiter, C. 429
Broersen, J. J.
——, Jansen, H., De Ruiter, C., Brinkman, U. A. Th., Frei, R. W., Buijtenhuijs, F. A. and Van der Maeden, F. P. B.
Derivatization of some polymers with *o*-phthalaldehyde prior to high-performance size-exclusion chromatography 39
Broto, F., see Aceves, M. 503
Bruyn, P. C. de, see Claessens, H. A. 345
Buijtenhuijs, F. A., see Broersen, J. J. 39
Campos, L. G., see Jham, G. N. 100
Christie, W. W.
—— and Morrison, W. R.
Separation of complex lipids of cereals by high-performance liquid chromatography with mass detection 510
Ciucanu, I.
——, Pop, D. and Timoceanu, V.
Derivatization of prostaglandins and related compounds to (methoxime) alkyl ester alkyl ether derivatives for gas chromatographic analysis 219
Claessens, H. A.
——, De Haan, J. W., Van de Ven, L. J. M., De Bruyn, P. C. and Cramers, C. A.
Chromatographic and solid state nuclear magnetic resonance study of the changes in reversed-phase packings for high-performance liquid chromatography at different eluent compositions 345
Collette, L. M., see Wenzel, T. J. 299
Comellas, L., see Aceves, M. 503
Cooper, R., see Mierzwa, R. 259
Corse, J., see Stafford, A. E. 93
Cramers, C. A., see Claessens, H. A. 345
D'Agostino, P. A.
—— and Provost, L. R.
Gas chromatographic retention indices of sulfur vesicants and related compounds 399
Daugherty, K. E., see Jen, J.-F. 86
De Bruyn, P. C., see Claessens, H. A. 345
De Haan, J. W., see Claessens, H. A. 345
Dembitsky, V. M.
Quantification of plasmalogen, alkylacyl and diacyl glycerophospholipids by micro-thin-layer chromatography 467
De Ruiter, C., see Broersen, J. J. 39
——, Otten, R. R., Brinkman, U. A. Th. and Frei, R. W.
Rapid and simple dansylation of phenolic steroids using a two-phase system and phase transfer catalysis 429

Dey, P. M., see Šecová, E. 59
Dietrich, A. M.
——, Millington, D. S. and Seo, Y.-H.
Specific identification of synthetic organic chemicals in river water using liquid–liquid extraction and resin adsorption coupled with electron impact, chemical ionization and accurate mass measurement gas chromatography–mass spectrometry analyses 229
Dinan, L.
Separation of ecdysone acyl esters and their 2,3-acetonide derivatives by high-performance liquid chromatography 279
Ding, S. F., see Peng, C. T. 137
Engelsma, J. W., see Haagsma, N. 73
Feibush, B.
Chiral separation through a single substituent association 515
Felber, E., see Winkler, E. 447
Fetzer, J. C., see Jinno, K. 1
Firestone, M. A.
—— and Thormann, W.
Capillary isoelectric focusing using an LKB 2127 Tachophor isotachophoretic analyzer 309
Ford, C. W.
—— and Hartley, R. D.
Identification of phenols, phenolic acid dimers, and monosaccharides by gas–liquid chromatography on a capillary column 484
Frei, R. W., see Broersen, J. J. 39
——, see De Ruiter, C. 429
——, see Kok, W. Th. 421
Gassiot, M., see Aceves, M. 503
Gazdag, M.
——, Szepesi, G. and Huszár, L.
α-, β- and γ-cyclodextrins as mobile phase additives in the high-performance liquid chromatographic separation of enantiomeric compounds. II. Optimization of the separation method by using α-, β- and γ-cyclodextrins in mixture 31
Goca, B., see Muniak, W. 323
Grimalt, J., see Aceves, M. 503
Haagsma, N.
——, Bathelt, E. R. and Engelsma, J. W.
Thin-layer chromatographic screening method for the tranquillizers azaperone, propiopromazine and carazolol in pig tissues 73
Haan, J. W. de, see Claessens, H. A. 345
Hage, D. S.
—— and Walters, R. R.
Non-linear elution effects in split-peak chromatography. I. Computer simulations for the cases of irreversible diffusion- and adsorption-limited kinetics 111
Hartley, R. D., see Ford, C. W. 484
Hawkes, S. J.
Does the obstruction factor change with flow-rate? 514
Hayashida, M., see Jinno, K. 11
Higgins, H. W., see Mackey, D. J. 243
Hohaus, E., see Winkler, E. 447
Hondo, T., see Jinno, K. 11
Hua, R. L., see Peng, C. T. 137
Hupe, K. P., see Kok, W. Th. 421
Huszár, L., see Gazdag, M. 31
Imbach, J.-L., see Maggio, A.-F. 23
James, L. B.
Amino acid analysis: buffers and artifacts 80
Amino acid analysis. III. Nuances of integration 474
Jansen, H., see Broersen, J. J. 39
Jen, J.-F.
——, Daugherty, K. E. and Tarter, J. G.
Use of first derivative conductometric detection in ion chromatography 86
Jham, G. N.
—— and Campos, L. G.
Use of chloroform as a solvent for the formation of N-trifluoroacetyl-*n*-butylamino acid derivatives for gas chromatographic analysis 100
Jinno, K.
——, Kuwajima, M., Hayashida, M., Watanabe, T. and Hondo, T.
Automated identification of toxic substances in poisoned human fluids by a retention prediction system in reversed-phase liquid chromatography 11
——, Nagoshi, T., Tanaka, N., Okamoto, M., Fetzer, J. C. and Biggs, W. R.
Effect of column temperature on the retention of peropyrene-type polycyclic aromatic hydrocarbons on various chemically bonded stationary phases in reversed-phase liquid chromatography 1
Jokuszies, G., see Štulík, K. 334
Kaminski, M.
—— and Reusch, J. F.
Some problems associated with the selection of separation conditions in preparative liquid chromatography 367
Kamoshita, K., see Takahashi, J. 316
Kataoka, H.
——, Sakiyama, N. and Makita, M.
Gas chromatographic analysis of aminoalkylphosphonic acids and aminoalkyl phosphates 67
Kenney, W. C., see Watson, E. 289
Kirino, O., see Takahashi, J. 316
Kithinji, J. P., see Raynor, M. W. 497
Kocourek, J., see Šecová, E. 59

Koizumi, K.
—— and Utamura, T.
High-performance liquid chromatography of gluco-oligomers on C_{18}-bonded vinyl alcohol copolymer gel with alkaline eluents 328
Kok, W. Th.
——, Hupe, K. P. and Frei, R. W.
Zone-electrophoretic sample treatment for liquid chromatography 421
Kooistra, C.
—— and Sluyterman, L. A. Æ.
Feasibility of isotachochromatography as a method for the preparative separation of weak acids and weak bases. II. Experimental verification 181
—— and Sluyterman, L. A. Æ.
Feasibility of isotachochromatography as a method for the preparative separation of weak acids and weak bases. I. Theoretical considerations 173
Korf, J., see Wolf, J. H. 437
Kraus, G., see Soják, L. 47
Kuś, P.
Thin-layer separation of some dithia-[3.3]phanes. I. 338
Kusińska, E., see Muniak, W. 323
Kuwajima, M., see Jinno, K. 11
Laskar, S.
—— and Basak, B.
Detection of amino acids on thin-layer plates 341
Lucas, M., see Maggio, A.-F. 23
Lyman, M., see Stafford, A. E. 93
Mackey, D. J.
—— and Higgins, H. W.
Reversed-phase chromatographic separation and analysis of marine metal–organic complexes 243
Maeden, F. P. B. van der, see Broersen, J. J. 39
Maggio, A.-F.
——, Pompon, A., Lucas, M., Barascut, J.-L. and Imbach, J.-L.
DNA–nitrosourea interactions. High-performance liquid chromatography of cross-linked dinucleosides and substituted dexoynucleosides 23
Maibaum, J.
Indirect high-performance liquid chromatographic resolution of racemic tertiary amines as their diastereomeric urea derivatives after N-dealkylation 269
Makita, M., see Kataoka, H. 67
Marhuenda, E.
——, Menendez, M. and Alarcon de la Lastra, C.
Constituents of essential oil of *Thymus carnosus* Boiss. 103
Ménard, H., see Noel, L. 391
Menendez, M., see Marhuenda, E. 103
Metzner, K. E., see Stafford, A. E. 93
Mierzwa, R.
——, Cooper, R. and Pramanik, B.
Photodiode array detection of peptide–nucleoside antibiotics 259
Millington, D. S., see Dietrich, A. M. 229
Morrison, W. R., see Christie, W. W. 510
Mosher, R. A.
——, Thormann, W. and Bier, M.
Experimental and theoretical dynamics of isoelectric focusing. II. Elucidation of the impact of the electrode assembly 191
Muniak, W.
——, Witkiewicz, Z., Woryna, E., Kusińska, E., Twardowski, A. and Goca, B.
Preparation of standard gaseous mixtures by a manometric method using the Benedict–Webb–Rubin equation 323
Nagoshi, T., see Jinno, K. 1
Noel, L.
—— and Ménard, H.
Improved method for determining adsorption isotherms by liquid chromatography on long and short fibrous material 391
Okamoto, M., see Jinno, K. 1
Ostgrovský, I., see Soják, L. 47
Otten, R. R., see De Ruiter, C. 429
Pacáková, V., see Štulík, K. 334
Peng, C. T.
——, Ding, S. F., Hua, R. L. and Yang, Z. C.
Prediction of retention indexes. I. Structure–retention index relationship on apolar columns 137
Piotrowski, E. G., see Sonnet, P. E. 205
Pompon, A., see Maggio, A.-F. 23
Pop, D., see Ciucanu, I. 219
Pramanik, B., see Mierzwa, R. 259
Provost, L. R., see D'Agostino, P. A. 399
Raynor, M. W.
——, Kithinji, J. P., Barker, I. K., Bartle, K. D. and Wilson, I. D.
Supercritical fluid chromatography of ecdysteroids 497
Reusch, J. F., see Kaminski, M. 367
Ruiter, C. de, see Broersen, J. J. 39
——, see De Ruiter, C. 429
Sakiyama, N., see Kataoka, H. 67
Šecová, E.
——, Tichá, M., Kocourek, J. and Dey, P. M.
Electrophoretic study of α-D-galactosidases from seeds of Glycine soja and Vigna radiata possessing erythroagglutinating activity 59
Seo, Y.-H., see Dietrich, A. M. 229

Šlais, K.
Simultaneous conductivity and amperometric detector with a single cell for microbore liquid chromatography 413
Sluyterman, L. A. Æ., see Kooistra, C. 173, 181
Soják, L.
——, Ostrovský, I., Kraus, G. and Andronikashvili, T. G.
High-resolution gas chromatography with liquid crystal glass capillaries. X. Separation of diastereomeric alkanes 47
Sonnet, P. E.
——, Piotrowski, E. G. and Boswell, R. T.
Chromatographic methods for determining the configuration of 1,2- and 1,3- (unsymmetrically substituted) dialkylglycerol ethers 205
Stafford, A. E.
——, Corse, J., Lyman, M. and Metzner, K. E.
E-Isozeatin and *cis*-norzeatin riboside as internal standards for cytokinin analyses 93
Štulík, K.
——, Pacáková, V. and Jokuszies, G.
Analysis of dipeptides by reversed-phase high-performance liquid chromatography without derivatization using amperometric detection on a copper electrode 334
Sufredo, D., see Betts, T. J. 53
Sybilska, D., see Żukowski, J. 381
Szejtli, J., see Żukowski, J. 381
Szepesi, G., see Gazdag, M. 31
Takahashi, J.
——, Kirino, O., Takayama, C. and Kamoshita, K.
Studies on fungicidal activity of N-phenylcarbamates. IV. Determination of the hydrophobicity of N-phenylcarbamates by high-performance liquid chromatography 316
Takayama, C., see Takahashi, J. 316
Tanaka, N., see Jinno, K. 1
Tarter, J. G., see Jen, J.-F. 86
Thormann, W., see Firestone, M. A. 309
——, see Mosher, R. A. 191
Tichá, M., see Šecová, E. 59
Timoceanu, V., see Ciucanu, I. 219
Touchstone, J. C., see Alvarez, J. G. 515
Treutter, D.
Separation of naturally occurring mixtures of phenolic compounds from various Prunus tissues by reversed-phase high-performance liquid chromatography 490
Twardowski, A., see Muniak, W. 323
Utamura, T., see Koizumi, K. 328
Van der Maeden, F. P. B., see Broersen, J. J. 39
Van de Ven, L. J. M., see Claessens, H. A. 345
Ven, L. J. M. van de, see Claessens, H. A. 345
Walters, R. R., see Hage, D. S. 111
Watanabe, T., see Jinno, K. 11
Watson, E.
—— and Kenney, W. C.
High-performance size-exclusion chromatography of recombinant derived proteins and aggregated species 289
Wenzel, T. J.
—— and Collette, L. M.
Lanthanide ions as luminescent chromophores for the liquid chromatographic detection of polynucleotides and nucleic acids 299
Wilson, I. D., see Raynor, M. W. 497
Winkler, E.
——, Hohaus, E. and Felber, E.
Quantitative determination of free primary amines in polymeric amine hardeners. High-performance liquid chromatographic separation of ethylenediamine and triethylenetetramine after derivatization with salicylaldehyde–diphenylboron chelate and separation of 4,4′-diaminophenylmethane by high-performance liquid chromatography 447
Witkiewicz, Z., see Muniak, W. 323
Wolf, J. H.
—— and Korf, J.
Automated solid-phase catalyzed pre-column derivatization of fatty acids for reversed-phase high-performance liquid chromatographic analysis with fluorescence detection 437
Woryna, E., see Muniak, W. 323
Yang, X.-H.
—— and Zhang, H.
Determination of trace amounts of iodine in sedimentary rocks by ion chromatography with amperometric detection 107
Yang, Z. C., see Peng, C. T. 137
Zhang, H., see Yang, X.-H. 107
Żukowski, J.
——, Sybilska, D., Bojarski, J. and Szejtli, J.
Resolution of chiral barbiturates into enantiomers by reversed-phase high-performance liquid chromatography using methylated β-cyclodextrins 381